

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: July 30, 2004, 09:45:13 ; Search time 22.8977 Seconds  
(without alignments)  
1025.858 Million cell updates/sec

Title: US-09-898-234B-2  
Perfect score: 2487  
Sequence: 1 MGLSTVPDLLLVLELLV.....DIEALCGPALPPAPSLLR 455

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues  
Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA.\*  
1: /cgm2\_6/ptodata/2/iaa/5A\_COMB.pdp.\*  
2: /cgm2\_6/ptodata/2/iaa/5B\_COMB.pdp.\*  
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5: /cgm2\_6/ptodata/2/iaa/PCTUS\_COMB.pdp.\*  
6: /cgm2\_6/ptodata/2/iaa/backfiles1.pdp.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2487	100.0	455	1 US-08-321-668-2	Sequence 2, Appl
2	2487	100.0	455	1 US-08-837-941-2	Sequence 2, Appl
3	2487	100.0	455	2 US-08-126-016-2	Sequence 2, Appl
4	2487	100.0	455	3 US-08-815-469-5	Sequence 5, Appl
5	2487	100.0	455	3 US-09-006-353A-3	Sequence 3, Appl
6	2487	100.0	455	3 US-09-527-236A-5	Sequence 5, Appl
7	2487	100.0	455	4 US-08-054-970-2	Sequence 2, Appl
8	2487	100.0	455	4 US-09-565-918-4	Sequence 4, Appl
9	2487	100.0	455	4 US-09-573-986-3	Sequence 3, Appl
10	2487	100.0	455	4 US-09-027-287-3	Sequence 3, Appl
11	2487	100.0	455	4 US-09-252-656B-3	Sequence 3, Appl
12	2487	100.0	455	4 US-09-523-323-3	Sequence 5, Appl
13	2487	100.0	455	4 US-09-756-854-5	Sequence 5, Appl
14	2482	99.8	455	1 US-08-050-319B-25	Sequence 25, Appl
15	2482	99.8	455	2 US-08-465-982-25	Sequence 25, Appl
16	2481	99.8	455	4 US-08-406-824A-4	Sequence 4, Appl
17	2463.5	99.1	909	4 US-09-013-895A-4	Sequence 4, Appl
18	2463.5	99.1	909	4 US-09-448-868-4	Sequence 5, Appl
19	2457	98.8	453	3 US-09-086-483A-5	Sequence 5, Appl
20	2457	98.8	453	4 US-09-580-212-5	Sequence 5, Appl
21	2457	98.8	453	4 US-09-769-402-5	Sequence 37, Appl
22	2346	94.3	426	3 US-08-747-562-37	Sequence 46, Appl
23	1558	62.6	280	3 US-08-974-022-46	Sequence 46, Appl
24	1558	62.6	280	3 US-08-795-445A-46	Sequence 46, Appl
25	1558	62.6	280	3 US-08-795-447A-46	Sequence 46, Appl
26	1558	62.6	280	3 US-08-974-186-46	Sequence 46, Appl
27	1558	62.6	280	3 US-08-795-446B-46	Sequence 46, Appl

28	1558	62.6	280	4 US-08-706-945D-132	Sequence 132, Appl
29	1558	62.6	280	4 US-08-577-788C-46	Sequence 46, Appl
30	1517	61.0	471	4 US-09-513-007-2	Sequence 2, Appl
31	1124	45.2	199	1 US-08-050-319B-48	Sequence 48, Appl
32	1124	45.2	199	2 US-08-465-982-48	Sequence 48, Appl
33	1121	45.1	197	4 US-08-828-683A-21	Sequence 21, Appl
34	1005.5	40.4	336	3 US-08-804-166-8	Sequence 8, Appl
35	1005.5	40.4	336	3 US-08-910-991-8	Sequence 8, Appl
36	1005.5	40.4	336	3 US-09-756-186-8	Sequence 6, Appl
37	979	39.4	285	3 US-08-804-166-6	Sequence 6, Appl
38	979	39.4	285	3 US-08-910-991-6	Sequence 2, Appl
39	946	38.0	167	1 US-09-756-186-6	Sequence 2, Appl
40	946	38.0	167	1 US-08-050-319B-2	Sequence 57, Appl
41	946	38.0	167	1 US-08-050-319B-57	Sequence 2, Appl
42	946	38.0	167	2 US-08-465-982-2	Sequence 2, Appl
43	946	38.0	167	2 US-08-465-982-57	Sequence 2, Appl
44	941	37.8	161	4 US-09-326-394-2	Sequence 12, Appl
45	904	36.3	154	4 US-08-828-683A-12	Sequence 12, Appl

ALIGNMENTS

RESULT 1  
US-08-321-668-2  
; Sequence 2, Application US/08321668  
; Patent No. 5665859  
; GENERAL INFORMATION:  
; APPLICANT: WALLACH, David  
; APPLICANT: BRAKEBUSCH, Cord  
; APPLICANT: VARFOLOMEEV, Eugene  
; APPLICANT: BATKIN, Michael  
; TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF  
; TITLE OF INVENTION: THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/321,668  
; FILING DATE: 12-OCT-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: IL 107268  
; FILING DATE: 12-OCT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: WALLACH=13  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; TELEX: 248633  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 455 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-321-668-2

Query Match 100.0%; Score 2487; DB 1; Length 455;  
Best Local Similarity 100.0%; Pred. No. 1.1e-202; Indels 0; Gaps 0;  
Matches 455; Conservative 0; Mismatches 0;

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DB 1 MGLSTVPDLLPLVLELLVGIYPSGVLVPHLGDREKDSVCPQGYIHPQNNISCT 60
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DB 61 KCHGTYLYNDPCPGQDTCRECEGSFTASENHLRHCLSCSKCKEMGQVEISSCTVD 120
QY 121 RDTVCGRKNQYRHYWSENLFQCNCSLCLNGTVHLSQCKQNTVCTCHAGFFLRENECV 180
DB 121 RDTVCGRKNQYRHYWSENLFQCNCSLCLNGTVHLSQCKQNTVCTCHAGFFLRENECV 180
QY 181 SCNCKKSLECKLCLPOIENVKGTDSGTVLLPLVIFFGCLLSLLFGLMYRYQRWK 240
DB 181 SCNCKKSLECKLCLPOIENVKGTDSGTVLLPLVIFFGCLLSLLFGLMYRYQRWK 240
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DB 241 SKLYSIVCGKSTPEKEGEGTTTKPLAPNPSFTPGTFTPLGFSVPVPSSTFTSSSTYT 300
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DB 301 PGDCPNFAAPRRVAPPYQAGDPILATALASDPIPNPQKWEDESAHKPQSLDTPDPTLY 360
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DB 421 LGRVLRMDLGLCLEDIEALCGPAALPPAPSLLR 455

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RESULT 2
US-08-837-941-2
; Sequence 2, Application US/08837941
; Patent No. 5766917
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BRAKEBUSCH, Cord
; APPLICANT: VARFOLOMEY, Eugene
; APPLICANT: BATKIN, Michael
; TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF
; TITLE OF INVENTION: THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,941
; FILING DATE: 28-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/321,668
; FILING DATE: 12-OCT-1994
; APPLICATION NUMBER: IL 107268
; FILING DATE: 12-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197

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; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 455 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-837-941-2

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Query Match 100.0%; Score 2487; DB 1; Length 455;
Best local similarity 100.0%; Pred. No. 1.1e-202;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MGLSTVPDLLPLVLELLVGIYPSGVLVPHLGDREKDSVCPQGYIHPQNNISCT 60
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DB 61 KCHGTYLYNDPCPGQDTCRECEGSFTASENHLRHCLSCSKCKEMGQVEISSCTVD 120
QY 121 RDTVCGRKNQYRHYWSENLFQCNCSLCLNGTVHLSQCKQNTVCTCHAGFFLRENECV 180
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QY 181 SCNCKKSLECKLCLPOIENVKGTDSGTVLLPLVIFFGCLLSLLFGLMYRYQRWK 240
DB 181 SCNCKKSLECKLCLPOIENVKGTDSGTVLLPLVIFFGCLLSLLFGLMYRYQRWK 240
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DB 241 SKLYSIVCGKSTPEKEGEGTTTKPLAPNPSFTPGTFTPLGFSVPVPSSTFTSSSTYT 300
QY 301 PGDCPNFAAPRRVAPPYQAGDPILATALASDPIPNPQKWEDESAHKPQSLDTPDPTLY 360
DB 301 PGDCPNFAAPRRVAPPYQAGDPILATALASDPIPNPQKWEDESAHKPQSLDTPDPTLY 360
QY 361 AVVENPPLRWKEFVRRLGLSDHEIDRLQNGRCLREAOYSMLATWRRRTPREATLEL 420
DB 361 AVVENPPLRWKEFVRRLGLSDHEIDRLQNGRCLREAOYSMLATWRRRTPREATLEL 420
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DB 421 LGRVLRMDLGLCLEDIEALCGPAALPPAPSLLR 455

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RESULT 3
US-08-126-016-2
; Sequence 2, Application US/08126016
; Patent No. 5811261
; GENERAL INFORMATION:
; APPLICANT: WALLACH, DAVID
; APPLICANT: NOPHAR, YARON
; APPLICANT: KEMPER, OLIVER
; APPLICANT: ENGELMANN, HARTMUT
; APPLICANT: BRAKEBUSCH, CORD
; APPLICANT: ADEKA, DAN
; TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR
; TITLE OF INVENTION: NECROSIS FACTOR BINDING PROTEIN I (TBP-I)
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25

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